



HF Happenings 815

Volume 16, Issue 25, the week of 1 October 2018

You can now download your copy of HF Happenings from www.sarl.org.za/hf_happenings.asp

Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>



October, the prettiest month of the year – in the southern hemisphere it is spring and in the northern hemisphere it is autumn (or Fall in North America)

South African Radio League 80 m QSO Party

The aim of these contests is to create an interest in and activity on the 80-m band. It is a phone only contest and runs from 17:00 to 20:00 UTC on Thursday 4 October 2018.

You earn 10 points for every QSO with a South African station and 15 points for every QSO with a station outside South Africa. Log sheets in MS Excel format ONLY shall be submitted by 11 October 2018 by e-mail to 27796600008@vodamail.co.za. PLEASE take note that the e-mail address has changed!

The Antique Wireless Association Valve QSO Party

The AM QSO Party runs from 13:00 to 17:00 UTC on Saturday 6 October 2018 and the SSB QSO Party runs from 13:00 to 17:00 UTC on Sunday 7 October 2018 with activity on 40 metres: 7 063 to 7 100 kHz and 7 130 to 7 200 kHz and 80 metres: 3 603 to 3 650 kHz.

The log sheets must be submitted by Monday 22 October 2018 to andyzs6ady@vodamail.co.za. Certificates will be awarded to the first three places in each category – AM and SSB.

"Get Your Park On" Operating Event Set for October

(ARRL Newsletter, edited)

What is hoped will be the first annual "Get Your Park ON" operating event will take place from 14 to 20 October in celebration of Earth Science Week. The event is open to Amateur Radio operators around the world and is sponsored by the national affiliates of World Wide Flora and Fauna (WWFF), which encourages radio amateurs to operate outdoors in protected nature parks.

During this on-the-air celebration, amateurs can participate in one of two ways. You can opt to be an Activator, setting up and



October

- 1 – closing date for Africa All Mode logs
- 4 – SARL 80 m QSO Party
- 6 – East Rand Branch Flea Market
- 6 and 7 – the AWA Valve QSO Party
- 9 – Provincial schools open
- 11 – closing date for 80 m QSO logs
- 11 to 13 – The Groot Plaaspoe, Stellenbosch
- 13 – October RAE; the Spring QRP Contest; Voet van Afrika Marathon, Bredasdorp
- 14 to 20 – "Get Your Park ON" event
- 19 to 21 – Jamboree on the Air; Talana Live, Dundee; Herman Charles Bosman Weekend, Groot Marico
- 20 – CQ Hou Koers
- 21 – National Garden Day
- 27 and 28 – CQ WW DX SSB Contest; Cape Town ARC Meeting; Pretoria ARC Flea Market; International Kite Festival, Muizenberg

November

- 3 – RaDAR Challenge
- 10 – Closing date for RaDAR logs
- 10 and 11 – SARL VHF/UHF Analogue Contest
- 11 – Remembrance Sunday. At approximately 05:00 on Monday, 11 November 1918, 100 years ago, the Armistice was signed in a railway carriage of Marshall Foch's special train located in the forest at Rethondes in France on the western front. At 11:00 on this Monday, the 11th November 1918, the roar of guns ceased, peace and silence finally descended on the western front, ending the First World War. It is estimated that close to 9,5 million soldiers, sailors and airmen of all sides died in the Great War.
- 14 – World Diabetes Day
- 16 to 18 – Cherry Festival, Ficksburg
- 16 and 17 – Steam Weekend at Sandstone Estate, Ficksburg
- 19 – Closing date for PEARS HF logs and VHF/UHF Analogue logs
- 21 – the Prophet's Birthday
- 22 – articles for the December Radio ZS
- 23 – Cape Town ARC End of Year Function at the club house
- 24 – SARL Newbie Sprint and the West Rand ARC Flea Market
- 24 and 25 – the CQ WW DX CW Contest

operating in national and provincial as listed in the Southern African Fauna and Flora list found at <https://zsfaunaandflora.wordpress.com/>. Or you may decide to be a Hunter, operating from home and searching out and contacting the Activators. The week-long special event is reminiscent of the ARRL's popular National Parks on the Air (NPOTA) event in 2016. "Get Your Park ON" begins at 00:00 UTC on Sunday 14 October and continues to 23:59 UTC on Saturday 20 October. Visit the "Get Your Park ON" Facebook page for more information.

The ZSFF listing has been updated with 14 new parks. If you are aware of a nature Reserve or game reserve not on the list, please provide me with the name and the lat/long coordinates and I will add it to the list. Send the information to zs4bs@netactive.co.za

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award (www.sarl.org.za/public/awards/awards.asp)

Chad, TT. Ken, LA7GIA will be active as TT8KO from N'Djamena, Chad between 9 and 21 October. He will operate CW and some SSB on 160 to 10 metres. QSL via M0OXO's OQRS and LoTW; log search on Club Log. See <http://la7gia.com/> for more information.



Ceuta and Melilla, EA9. Haru, JA1XGI will be operating as EA9/W1XGI from 16 to 22 October on HF using CW and FT8. QSL via Club Log OQRS, LoTW or via JA1XGI.

Côte d'Ivoire, TU. Bertrand, DF3FS, will once again be active as TU5MH from the Ivory Coast or Côte d'Ivoire between 20 and 29 October. Activity will be on various HF bands using CW and SSB. QSL via DF3FS or LoTW. Also, QSL requests via ClubLog's OQRS (your card not needed). Please do not send your QSL via Bureau, use the OQRS system from ClubLog for confirmation via the Bureau.

Malawi, 7Q. Dan, K6ZO will once again be active as 7Q6M from Embangweni between 23 and 29 October with activity on 160 to 10 metres with an entry in the CQ WW DX SSB contest. QSL via home call.

Tanzania, 5H. Maurizio, IK2GZU will once again be operating as 5H3MB between 24 October and 28 November (mission for work in the Ilembula orphanage and hospital). Operation will be during his spare time on HF using CW, SSB and RTTY. QSL via bureau, direct or Club Log

Liberia, EL. Col MM0NDX and Jonathan MM0OKG plans to be active again as EL2EL during early November. Operation on various bands using SSB and FT8. More to follow.

Lesotho, 7P. Rune, LA7THA and team will be operating the first part of March 2019. They are looking at approximately 10 days of operation with the focus on the low bands. More to follow.

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Reunion Island, FR and Mayotte, FH. Willi, DJ7RJ informs that he will be active from Reunion for 3 weeks (9 to 27 October) and 1 week from Mayotte (29 October to 6 November). Operation on the low bands preferred. QSL via home call, direct or bureau.



Liberia, EL. Eric, EL2EF, Col, MM0NDX and Jonathan, MM0OKG will be operating as EL2EL/4 during early November 2018. Telengbe Isl (IOTA AF-111) is a new IOTA, the activity is depending the weather and sea conditions.

Madagascar, 5R. Alex K2BB and Pavel UU0JR are looking for other ops to join them to form a team for a DXpedition to Nosy Be Island, AF-057 during the period 19 to 29 November. Operation from 160 to 10 metres

using CW, SSB and digital. The call 5R8T requested but not yet confirmed. Contact Alex if you are interested...
alex.k2bb@gmail.com

Senegal, 6W. Alfredo, IK7JWX and team are planning a humanitarian DXpedition for 10 days in November 2018 to Carabane Island (IOTA AF-078). The callsign is pending. More to follow.

Senegal, 6W. Operators John, 6W7JX, Ouzin, 6W1PZ, Tafa, 6W1KI, Jul, 6W1QL and possibly others will once again be active as 6V1A from Goree Island (IOTA AF-045) between 7 and 9 December. Activity will be on CW and SSB on all bands using a FT-1000 and Icom 7300 with 150 watts into dipoles and a G5RV/Kelemen. QSL info see QRZ.com.

Sierra Leone, 9L. Members of the Radio Club de Provins (F6KOP) have announced their next DXpedition will be to Banana Island (IOTA AF-037), in Sierra Leone, sometime during January or February of 2019. Look for more details to be forthcoming. Also watch www.f6kop.com/2018/09/23/la-prochaine-expedition-de-f6kop-sera-en

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 1 to 8 October 2018

IQRP Quarterly Marathon
08:00 UTC 1 October to 20:00 UTC 7 October
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW, SSB, Digital
Bands: All
Classes: Single Op
Max power: 5 W
Exchange: RS(T)
Work stations: Once per mode
QSO Points: 3 points per CW QSO; 2 points per SSB QSO; 1 point per digital QSO
Multipliers: km/100 of QSO with maximum distance
Score Calculation: Total score = total QSO points x distance mult
Submit logs by: 21 October 2018
E-mail logs to: iqrpclub@arimontebelluna.it
Mail logs to: (none)
Find rules at:
http://www.arimontebelluna.it/news/news_maratona_uk.htm

ARS Spartan Sprint
01:00 - 03:00 UTC 2 October
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: Skinny; Tubby
Max power: 5 watts
Exchange: RST, state, province or country and power
Work stations: Once per band
Submit logs by: 4 October 2018
E-mail logs to: spartansprint@yahoo.com
Mail logs to: (none)

Find rules at:
<http://arsgrp.blogspot.com/2009/02/so-whats-spartan-sprint-and-how-do-i.html>

Phone Fray
02:30 - 03:00 UTC 3 October
Geographic Focus: North America
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 5 October 2018
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com>
Mail logs to: (none)
Find rules at:
http://www.perluma.com/Phone_Fray_Contest_Rules.pdf

German Telegraphy Contest
07:00 - 10:00 UTC 3 October
Geographic Focus: Germany
Participation: Worldwide
Mode: CW
Bands: 80, 40 m
Classes: Single Op - QRP, low or high; SWL

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: DL: RST and LDK; non-DL: RST

Work stations: Once per band

QSO Points: 1 point per QSO; 2 points per QSO with club station of sponsoring club (see rules)

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 17 October 2018

E-mail logs to: dtc@agcw.de

Upload log at: <http://contest.agcw.de/dtc/>

Mail logs to: (none)

Find rules at:

<http://www.agcw.org/index.php/en/contests-and-cw-activities/german-telegraphy-contest-dtc>

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 3 October

and 03:00 - 04:00 UTC 4 October

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-

Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 6 October 2018

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <https://cwops.org/cwops-tests/>

UKEICC 80 m Contest

20:00 - 21:00 UTC 3 October

Geographic Focus: Europe

Participation: Worldwide

Mode: SSB

Bands: 80 m Only

Classes: Single Op Connected - QRP, low or high;

Single Op Unconnected - QRP, low or high

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: 4-Character grid square

QSO Points: 1 point per 500 km (10 pts max);

multiply QSO points by 2 if low power station;

multiply QSO points by 4 if QRP station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 22:00 UTC 3 October 2018

E-mail logs to: (none)

Upload log at: <http://logs.ukeicc.com/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.ukeicc.com/which-contest/which-contest-ukeicc-80-m-contests-rules>

SARL 80 m QSO Party

17:00 - 20:00 UTC 4 October

Geographic Focus: Worldwide

Participation: Worldwide

Mode: SSB

Bands: 80 m Only

Classes: Single Op

Exchange: your call sign, a RS signal report and your name

QSO Points: 10 points per QSO with South African station; 15 points per QSO with non-South African station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 11 October 2018

E-mail logs to: 27796600008@vodamail.co.za

Mail logs to: (none)

Find rules at: 2018 SARL Blue Book

NRAU 10 m Activity Contest

17:00 - 18:00 UTC (CW) and 18:00 - 19:00 UTC (SSB)

and 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC

(Dig) 4 October

Geographic Focus: Nordic Europe

Participation: Worldwide

Mode: CW, SSB, FM, Digital

Bands: 10 m Only

Classes: (none)

Exchange: RS(T) and 6-character grid square

QSO Points: (see rules)

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 18 October 2018

Upload log at:

http://ua9qcq.com/en/submit_log.php?lang=en

Mail logs to: (none)

Find rules at: <http://www.nrau.net/activity-contests/below-30mhz.html>

SKCC Sprint Europe

19:00 - 21:00 UTC 4 October

Geographic Focus: Europe

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Exchange: RST, state, province or country, name and SKCC no or power

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Each state, province, or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 11 October 2018
E-mail log summary to: (none)
Post log summary at:
http://www.skccgroup.com/operating_activities/skse/submit-display.php?submit_id=165

Mail logs to: (none)
Find rules at:
http://www.skccgroup.com/operating_activities/skse/

NCCC RTTY Sprint

01:45 - 02:15 UTC 5 October
Geographic Focus: North America
Participation: Worldwide
Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 7 October 2018
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprInternationalcom/rttyins.html>

NCCC Sprint

02:30 - 03:00 UTC 5 October
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 7 October 2018
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprInternationalcom/rules.html>

TRC DX Contest

06:00 UTC 6 October to 18:00 UTC 7 October
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW, SSB
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op All Band - CW, SSB or mixed - low or high; Single Op All Band QRP; Single Op 3 Band; Single Op Single Band; Multi-Single
Max power: HP: >100 W; LP: 100 W; QRP: 5 W

Exchange: TRC Members: RST, serial no and "TRC"; non-TRC Members: RST and serial no
Work stations: Once per mode per band
QSO Points: 10 points per QSO with TRC member; 1 point per QSO with same continent; 2 points per QSO with different continent; 1 point per QSO between TRC members

Multipliers: Each TRC member country once per band per mode; Each country once per band per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 14 October 2018

E-mail logs to: trcdxc@trcdx.org

Upload log at:
http://ua9qcq.com/en/submit_log.php?lang=en

Mail logs to: Atanas Kolev, PO Box 49, 6100 Kazanlak, Bulgaria

Find rules at:
<http://www.trcdx.org/trcdxc/index.html>

Oceania DX Phone Contest

08:00 UTC 6 October to 08:00 UTC 7 October
Geographic Focus: Oceania
Participation: Worldwide
Mode: Phone
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band - QRP, low or high; Single Op Single Band - QRP, low or high; Multi-One; Multi-Two; Multi-Multi; SWL
Max power: HP: 1 500 watts; LP: 100 watts
Exchange: RS and serial no
Work stations: Once per band
QSO Points: 20 points per 160 m QSO; 10 points per 80 m QSO; 5 points per 40 m QSO; 1 point per 20 m QSO; 2 points per 15 m QSO; 3 points per 10 m QSO; 0 points per QSO between two non-OC stations

Multipliers: Each prefix once per band; Non-OC prefixes do not count as mults for non-OC stations
Score Calculation: Total score = total QSO points x total mults

Submit logs by: October 31, 2018

E-mail logs to: (none)

Upload log at: <http://www.b4h.net/ocdx/>

Web-to-Cabrillo form:
http://www.b4h.net/cabforms/oceaniadxssb_cab.php

Mail logs to: Oceania DX Contest; PO Box 21088; Little Lonsdale Street; Victoria 8011; Australia
Find rules at:

<http://www.oceaniadxcontest.com/Rules/rules.html>

Russian WW Digital Contest

12:00 UTC 6 October to 11:59 UTC 7 October
Geographic Focus: Worldwide

Participation: Worldwide
 Mode: BPSK63, RTTY
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op All Bands – QRP or high; Single Op All Bands Junior; Single Op Low Bands; Single Op High Bands; Single Op RTTY; Single Op BPSK; Multi-One; Multi-One Junior
 Max power: HP: 100 watts; QRP: 5 watts
 Exchange: UA: RST(Q) and 2-character oblast code; non-UA: RST(Q) and QSO No.
 Work stations: Once per band per mode (see rules)
 QSO Points: (see rules)
 Multipliers: Each DXCC country once per mode per band; Each oblast once per mode per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 23:59 UTC 12 October 2018
 E-mail logs to: rusww@rdrcclub.ru
 Upload log at: http://ua9qcq.com/en/submit_log.php?lang=en
 Mail logs to: (none)
 Find rules at: [http://www.rdrclub.ru/rdrclub-news/russian-ww-digital-contest/51-rus-ww-digital-rules](http://www.rdrclub.ru/rdrclub/news/russian-ww-digital-contest/51-rus-ww-digital-rules)

YLRL DX/NA YL Anniversary Contest
 14:00 UTC 6 October to 02:00 UTC 8 October
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW, SSB, Digital
 Bands: Any
 Classes: (none)
 Max operating hours: 24
 Exchange: Serial no, RS(T) and ARRL Section, province or country
 Work stations: Once per band
 QSO Points: W/VE Stations: 1 point per W/VE QSO; W/VE Stations: 2 points per DX QSO; DX Stations: 1 point per QSO with same continent; DX Stations: 2 points per QSO with different continent
 Multipliers: Each section, province, country once;
 Power factor: x 1,5 for 5 - 100 W; x 3 for 5 W or less
 Score Calculation: Total score = total QSO points x total mults x power factor
 Submit logs by: 6 November 2018
 E-mail logs to: ac7uh@arrrl.net
 Mail logs to: Barbara Yasson, AC7UH, 13205 NE 5th Ave., Vancouver, WA 98685, USA
 Find rules at: <http://ylrl.org/index.php/contests-and-dx-awards>

California QSO Party
 16:00 UTC 6 October to 22:00 UTC 7 October
 Geographic Focus: United States/Canada state/province QSO party
 Participation: Worldwide
 Mode: CW, Phone

Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op - QRP, low or high - fixed, country expedition, mobile, school, YL, youth or new-contester; Single Op Assisted - QRP, low or high - fixed, country expedition, mobile, school, YL, youth or new-contester; Multi-Single - QRP, low or high - fixed, country expedition, mobile, school, YL, youth or new-contester; Multi-Multi - QRP, low or high - fixed, country expedition, mobile, school, YL, youth or new-contester;
 Max operating hours: 24 hours for single ops with 15 minutes off times; 30 hours for multi-ops
 Max power: HP: >200 watts; LP: 200 watts; QRP: 5 watts
 Exchange: CA: Serial no and County; non-CA: Serial no and state, VE area or DX
 Work stations: Once per mode per band per county
 QSO Points: 2 points per phone QSO; 3 points per CW QSO
 Multipliers: CA Stations: States, VE areas once; non-CA Stations: CA counties once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 22 October 2018
 E-mail logs to: (see rules, web upload preferred)
 Upload log at: <http://robot.cqp.org/cqp/logsubmit-form.html>
 Mail logs to: (none)
 Find rules at: <http://www.cqp.org/Rules.html>

International HELL-Contest
 16:00 - 18:00 UTC 6 October (80 m) and 09:00 - 11:00 UTC 7 October (40 m)
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: Hell
 Bands: 80, 40 m
 Classes: Single Op; SWL
 Exchange: RST and QSO no
 QSO Points: 1 point per QSO; 1 point per QTC
 Multipliers: Each WAE/DXCC country once; Each JA/W/VE call area once
 Score Calculation: Total score = (total QSO points and total QTC points) x total mults
 Submit logs by: 21 October 2018
 E-mail logs to: DARC-Hell-Contest@mail.de
 Mail logs to: (none)
 Find rules at: <https://www.darc.de/der-club/referate/conteste/hell-contest/ausschreibung/>

FISTS Fall Slow Speed Sprint
 17:00 - 21:00 UTC 6 October
 Geographic Focus: United States/Canada
 Participation: Worldwide
 Awards: United States/Canada
 Mode: CW

Bands: 80, 40, 20, 15, 10 m
 Classes: QRP; QRO; Club
 Max power: QRO: 100 watts; QRP: 5 watts
 Exchange: FISTS: RST, state, province or country, first name and FISTS no; non-FISTS: RST, state, province or country, first name and power
 Work stations: Once per band
 QSO Points: 5 points per QSO with FIST member; FIST members: 2 points per QSO with non-FIST member
 Multipliers: Each US state and VE province once; Each DXCC country once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 5 November 2018
 E-mail logs to: n2ed@fistsna.org
 Mail logs to: (none)
 Find rules at: <https://fistsna.org/operating.html#sprints>

SKCC QSO Party
 18:00 UTC 6 October to 18:00 UTC 7 October
 Geographic Focus: Worldwide
 Participation: Worldwide
 Awards: Worldwide
 Mode: CW
 Bands: All, except WARC
 Classes: Single Op - QRP, low or high; Multi-Single - QRP, low or high; Unlimited - QRP, low or high
 Max operating hours: 24
 Exchange: RST, state, province or country, name and 4-Character Grid Square
 Work stations: Once per band, QSO with same station in different grid square allowed
 QSO Points: 1 point per QSO
 Bonus Points: (see rules)
 Multipliers: Each grid square once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 15 October 2018
 Post log summary at: https://www.skccgroup.com/operating_activities/QSO_Party/submit-display.php
 Mail logs to: (none)
 Find rules at: https://www.skccgroup.com/operating_activities/QSO_Party/

RSGB DX Contest
 05:00 - 23:00 UTC 7 October
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW, SSB
 Bands: 80, 40, 20, 15, 10 m
 Classes: Single Op - 12 or 18 - QRP, low or high - CW, SSB or mixed; Single Op Assisted - 12 or 18 -

QRP, low or high - CW, SSB or mixed; Multi-Op - CW, SSB or mixed
 Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
 Exchange: RS(T) and serial no
 Work stations: Once per band per mode
 QSO Points: (see rules)
 Multipliers: UK Stations: Each DXCC country once per band per mode (JA, W, VE, VK, ZL and ZS call areas count as countries); Overseas Stations: Each UK prefix once per band per mode
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 12 October 2018
 Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>
 Mail logs to: (none)
 Find rules at: <https://www.rsgbcc.org/hf/rules/2018/rOctoberDX.shtml>

UBA ON SSB Contest
 06:00 - 09:00 UTC 7 October
 Geographic Focus: Belgium
 Participation: Worldwide
 Mode: SSB
 Bands: 80 m Only
 Classes: (none)
 Exchange: ON: RS, serial no and ON Section; non-ON: RS and serial no
 QSO Points: 3 points per QSO
 Multipliers: Each UBA Section
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 28 October 2018
 E-mail logs to: ubaon@uba.be
 Mail logs to: Welters Leon, ON5 WL, Borgstraat 80, B-2580 Beerzel, Belgium
 Find rules at: <http://www.uba.be/en/hf/contest-rules/on-contest>

Peanut Power QRP Sprint
 22:00 - 23:59 UTC 7 October
 Mode: CW, SSB
 Bands: 40, 20, 15 m
 Classes: Goober: 1 W CW/2 W SSB Portable; Salted: 5 W CW/10 W SSB Portable; Boiled: 1 W CW/2 W SSB Home; Roasted: 5 W CW/10 W SSB Home; Raw: >5 W CW/>10 W SSB Home or Portable
 Exchange: RS(T), state, province or country and peanut no or power output
 Work stations: Once per band per mode
 QSO Points: 7 points per QSO with peanut station; 3 points per QSO with non-peanut station
 Multipliers: Each state, province or country, once per band per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 October 2018

E-mail logs to: pete@nogagr.org

Mail logs to: (none)

Find rules at:

<http://www.nogagr.org/PeanutPower/rules.pdf>

RSGB 80 m Autumn Series, CW

19:00 - 20:30 UTC 8 October

Geographic Focus: United Kingdom

Participation: Worldwide

Mode: CW

Bands: 80 m Only

Classes: 100 W; 10 W

Exchange: other station's call, your call, serial no and your name

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 11 October 2018

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at:

<https://www.rsgbcc.org/hf/rules/2018/rautumn.shtml>

Allied bombing in WW2 altered ionosphere

Research by Professor Chris Scott, from the University of Reading, shows the impact on the ionosphere of the Allied bombing raids over Europe during WW2.

Chris says, *"Each raid released the energy of at least 300 lightning strikes."*

Researchers studied daily records kept at the Radio Research Centre in Slough, UK. They looked at how the concentration of electrons changed in the upper atmosphere around the time of 152 Allied air raids in Europe.

The data showed the concentration of electrons fell significantly when a bomb was detonated, which in turn heated the upper atmosphere. This caused a small but significant depletion in the ionosphere above Slough, even though the bombs were deployed hundreds of miles away.

In his paper, the contribution of ground-based disturbances to ionospheric variability is investigated by considering the response of the ionospheric F2 layer over Slough, UK, to 152 major bombing raids over Europe during World War II.



Next Week's Contests

10-10 International 10-10 Day Sprint, 00:01 - 23:59 UTC 10 October

NAQCC CW Sprint, 00:30 - 02:30 UTC 10 October

Phone Fray, 02:30 - 03:00 UTC 10 October

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 10 October and 03:00 - 04:00 UTC 11 October

NCCC RTTY Sprint, 01:45 - 02:15 UTC 12 October

NCCC Sprint, 02:30 - 03:00 UTC 12 October

Makrothen RTTY Contest, 00:00 - 08:00 UTC and 16:00 - 24:00 UTC 13 October and 08:00 - 16:00 UTC 14 October

Nevada QSO Party, 03:00 UTC 13 October to 21:00 UTC 14 October

Oceania DX CW Contest, 08:00 UTC 13 October to 08:00 UTC 14 October

SKCC Weekend Sprintathon, 12:00 UTC 13 October to 24:00 UTC 14 October

Scandinavian Activity Contest, SSB, 12:00 UTC 13 October to 12:00 UTC 14 October

QRP ARCI Fall QSO Party, 12:00 UTC 13 October to 23:59 UTC 14 October

Pennsylvania QSO Party, 16:00 UTC 13 October to 05:00 UTC 14 October and 13:00 - 22:00 UTC 14 October

Arizona QSO Party, 16:00 UTC 13 October to 06:00 UTC 14 October and 14:00 UTC to 24:00 UTC 14 October

FISTS Fall Unlimited Sprint, 17:00 - 21:00 UTC 13 October

South Dakota QSO Party, 18:00 UTC 13 October to 18:00 UTC 14 October

PODXS 070 Club 160 m Great Pumpkin Sprint, 20:00 UTC 13 October to 20:00 UTC 14 October

UBA ON CW Contest, 05:30 - 08:00 UTC 14 October
4 States QRP Group Second Sunday Sprint, 00:00 - 02:00 UTC 15 October
ARRL School Club Roundup, 13:00 UTC 15 October to 23:59 UTC 19 October
Telephone Pioneers QSO Party, 18:00 UTC 15 October to 03:00 UTC 16 October

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter

